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Supplementary Information for

Phosphatidylserine flipping by the P4-ATPase ATP8A2 is electrogenic

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Supplementary Information Figures (Figs. S1 and S2)

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Supplementary Information Figures

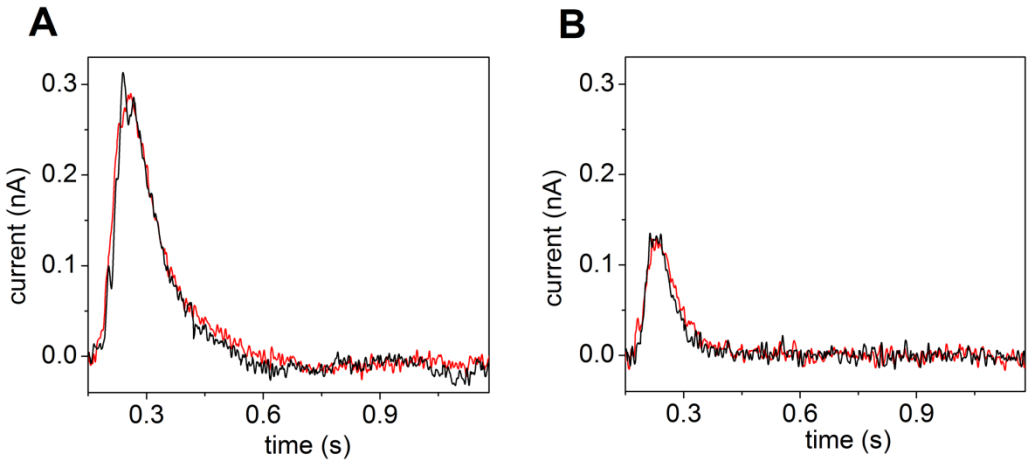

Fig. S1. The electrogenic signal shows saturation with ATP at 50 µM. Current transients observed following 50 µM (*red lines*) and 100 µM (*black lines*) ATP concentration jumps on 90PC:10PS (*A*) and 50PC:50PE (*B*) proteoliposomes containing ATP8A2.

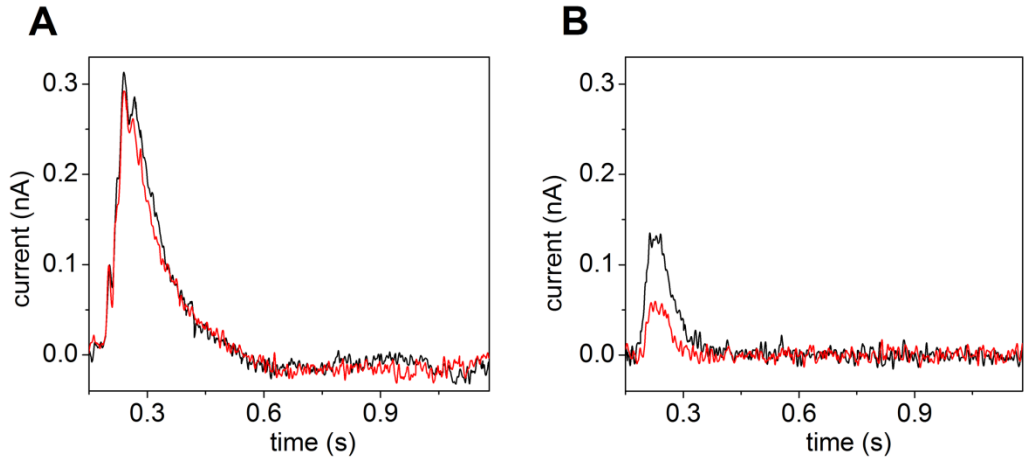

Fig. S2. Effects of pH on the ATP8A2-related current transients in the presence of the protonophore 1799. Current transients induced by 100 µM ATP concentration jumps on 90PC:10PS (*A*) and 50PC:50PE (*B*) proteoliposomes containing ATP8A2 at pH 7.5 (*black lines*) and 6.7 (*red lines*). The protonophore 1799 (1 µM) was present to prevent the formation of a H^+ gradient across the proteoliposome membrane.